472 ASHLEY RIVER BASIN

## 021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°57'02'', long 80°09'34'', Dorchester County, Hydrologic Unit 03050202, on downstream side of bridge on State Hwy 642, 2.5 mi east of Cooke Crossroads, and 0.35 mi upstream of confluence with Ashley River.

DRAINAGE AREA. -- Indeterminate.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2001 to September 2002.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 7 ft above NGVD of 1929 (from topographic map).

 ${\tt REMARKS.--Records\ poor.\ This\ site\ is\ strongle\ affected\ by\ astronimical\ tides.}$ 

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 793 ft<sup>3</sup>/s, Aug. 20, 2001; minimum discharge,, -232 ft<sup>3</sup>/s, Nov. 12, 2001. EXTREMES FOR CURRENT YEAR.--Maximum discharge, 218 ft<sup>3</sup>/s, Oct. 16; minimum discharge, -232 ft<sup>3</sup>/s, Nov. 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1											148	-151
2									161	-164	182	-160
3									176	-130	463	-113
4									173	-126	188	-87
5									174	-126	146	-96
6									107	-90	135	-119
7									104	-101	146	-140
8									51	-141	154	-126
9									59	-138	155	-144
10									73	-126	163	-112
11									49	-92	133	-83
12									75	-78	189	-147
13									75	-116	166	-185
14									111	-111	174	-175
15									184	-161	211	-216
13									104	-101	211	-210
16									154	-131	197	-219
17									145	-208	194	-225
18									222	-210	179	-206
19									182	-162	162	-211
20									793	-92	157	-197
21									155	-145	187	-186
22									161	-175	161	-176
23									187	-183	170	-126
24									163	-132	145	-130
25									132	-105	102	-114
26									176	-173	121	-125
27									173	-137	166	-90
28									92	-125	141	-98
29									128	-90	159	-118
30									114	-121	165	-173
31									120	-165		
MONTH											463	-225

ASHLEY RIVER BASIN

473 021720817 EAGLE CREEK NEAR NORTH CHARLESTON, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
	OCTOBER		NOVEMBER		DECE	DECEMBER		JANUARY		FEBRUARY		MARCH	
1 2 3 4 5	166 172 174 180 131	-150 -174 -162 -159 -111	168 155 132 140 178	-184 -158 -124 -156 -177	182 142 180 187 161	-201 -152 -151 -158 -155	97 143 177 100 140	-115 -157 -205 -112 -113	114 137 148 124 47	-181 -145 -180 -130 -113	123 176 118 140 107	-143 -131 -111 -107 -107	
6 7 8 9 10	76 156 167 143 173	-85 -144 -135 -195 -162	  120 178	  -173 -181	135 133 107 104 182	-105 -91 -166 -176 -190	81 16 30 65 56	-68 -31 -86 -47 -116	103 143 98 119 128	-83 -81 -89 -136 -122	113 72 101 85 152	-89 -100 -95 -123 -92	
11 12 13 14 15	186 162 179 192 211	-168 -161 -148 -176 -217	179 146 193 171 204	-152 -232 -200 -228 -194	168 145 162 162 148	-114 -150 -213 -174 -136	 85 130 111	 -79 -83 -88	104 129 105 98 95	-104 -100 -108 -102 -92	135 141 140 119 115	-103 -116 -92 -132 -120	
16 17 18 19 20	218 169 171 211 164	-203 -201 -150 -160 -167	185 165 172 171 136	-210 -149 -125 -161 -118	99 103 31 130 51	-144 -176 -136 -118 -115	78 60 37 65 67	-114 -138 -104 -109 -78	114 97 90 84 102	-105 -82 -68 -69 -80	117 107 118 96 116	-138 -118 -122 -118 -96	
21 22 23 24 25	174 172  136 102	-191 -117  -100 -147	179 127 91 73 78	-156 -123 -122 -112 -127	85 105 59 69 84	-101 -82 -108 -109 -131	120 80 76 83 83	-87 -52 -101 -136 -87	78 86 93 106 111	-83 -123 -110 -121 -139	125 130 109 120 135	-93 -98 -99 -96 -111	
26 27 28 29 30 31	93 140 107 149 105 144	-75 -123 -84 -185 -208 -182	90 85 87 123 159	-126 -85 -127 -166 -202	109 67 121 118 122 130	-128 -93 -171 -179 -158 -131	122 142 135 153 135 97	-144 -197 -121 -85 -154 -188	103 139 119 	-136 -123 -152 	138 139 148 146 151	-132 -136 -137 -152 -150 -120	
MONTH					187	-213			148	-181	176	-152	
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
DAY	MAX AP		MAX M		MAX JU		XAM JU		MAX AUG			MIN FEMBER	
DAY  1 2 3 4 5					JU		л		AUG	EUST -94		TEMBER	
1 2 3 4	AP 160 143 123 118	-104 -121 -93 -100	133 129 110 131	-90 -84 -83 -81	JU 141 133 139 137	-98 -91 -95 -102	JT 136 138 121 137	-87 -95 -93 -100	AUG 142 143 137 144	-94 -103 -103 -105	SEP 129 157 167 166	-74 -110 -103 -113	
1 2 3 4 5 6 7 8	160 143 123 118 124 120 122 112 104	-104 -121 -93 -100 -95 -96 -89 -104 -100	133 129 110 131 119 116 131 112 128	-90 -84 -83 -81 -96 -85 -88 -96 -108	141 133 139 137 140 134 143 136 135	-98 -91 -95 -102 -105 -99 -106 -119 -113	136 138 121 137 147 170 147 165 167	-87 -95 -93 -100 -107 -116 -109 -113 -118	142 143 137 144 146 142 144 157	-94 -103 -103 -105 -104 -121 -128 -139 -122	129 157 167 166 162 147 162 167 154	-74 -110 -103 -113 -116 -123 -123 -117 -127	
1 2 3 4 5 6 7 8 9 10 11 12 13 14	160 143 123 118 124 120 122 112 104 127 120 126 126 130	-104 -121 -93 -100 -95 -96 -89 -104 -100 -105 -113 -113 -113 -119 -113	133 129 110 131 119 116 131 112 128 125 142 139 141	-90 -84 -83 -81 -96 -85 -88 -108 -105 -121 -119 -108 -103	141 133 139 137 140 134 143 136 135 167 158 155 162 155	-98 -91 -95 -102 -105 -99 -106 -119 -113 -107 -123 -115 -127 -132	136 138 121 137 147 170 147 165 167 143 153 155 166 155	-87 -95 -93 -100 -107 -116 -109 -113 -118 -116 -119 -116 -112 -121	142 143 137 144 146 142 144 157 156 158 145 145 145 141	-94 -103 -103 -105 -104 -121 -128 -139 -122 -130 -123 -114 -102	129 157 167 166 162 147 162 167 154 165 152 145 142	-74 -110 -103 -113 -116 -123 -123 -117 -127 -115 -106 -109 -91	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	160 143 123 118 124 120 122 112 104 127 120 126 126 130 120 119 135 127	-104 -121 -93 -100 -95 -96 -89 -104 -100 -105 -113 -113 -118 -112 -107 -100 -100	133 129 110 131 119 116 131 112 128 125 142 139 141 126 141	-90 -84 -83 -81 -96 -85 -88 -108 -105 -121 -119 -108 -103 -113 -105 -100 -94 -97	141 133 139 137 140 134 143 136 135 167 158 155 162 155 150 148 146 137 153	-98 -91 -95 -102 -105 -99 -106 -119 -113 -107 -123 -115 -127 -132 -126 -127 -112 -117 -106	136 138 121 137 147 170 147 165 167 143 153 155 166 155 143 155 140 167 149	-87 -95 -93 -100 -107 -116 -109 -113 -118 -116 -119 -116 -112 -121 -105 -105 -106 -108	142 143 137 144 146 142 144 157 156 158 145 145 145 142 148	-94 -103 -103 -105 -104 -121 -128 -139 -122 -130 -123 -114 -106 -102 -103 -98 -98 -110 -117	129 157 167 166 162 147 162 167 154 165 152 145 142 141 155	-74 -110 -103 -113 -116 -123 -123 -117 -127 -115 -106 -109 -91 -100 -84 -91 -100 -100 -107	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	160 143 123 118 124 120 122 112 1104 127 120 126 126 130 120 119 135 127 127 124 98 117 134 148	-104 -121 -93 -100 -95 -96 -89 -104 -100 -105 -113 -113 -118 -112 -107 -100 -107 -117 -110 -131 -134	133 129 110 131 119 116 131 112 128 125 142 139 141 126 141 135 142 139 141 155 145	-90 -84 -83 -81 -96 -85 -88 -108 -105 -121 -119 -108 -103 -113 -105 -100 -94 -97 -106 -116 -119 -122	141 133 139 137 140 134 143 136 135 167 158 155 162 155 150 148 146 137 153 165	-98 -91 -95 -102 -105 -99 -106 -119 -113 -107 -123 -115 -127 -132 -126 -127 -112 -124 -105 -121	136 138 121 137 147 170 147 165 167 143 153 155 143 155 140 167 149 153 156 168 168 153	-87 -95 -93 -100 -107 -116 -109 -113 -118 -116 -119 -116 -112 -121 -105 -105 -104 -108 -125 -114 -108 -125 -108 -103 -103	142 143 137 144 146 142 144 157 156 158 145 145 145 142 148 139 142 144 135	-94 -103 -103 -105 -104 -121 -128 -139 -122 -130 -123 -114 -106 -102 -103 -98 -98 -110 -117 -107 -117 -113 -105	129 157 166 162 147 162 167 154 165 152 145 142 141 155 133 157 153 146 153	-74 -110 -103 -113 -116 -123 -123 -117 -127 -115 -106 -109 -91 -100 -84 -91 -100 -109 -107 -101 -108 -114 -1100 -109	